

WHAT IS CLAIMED IS:

1. An image communication apparatus capable of communicating color image information, comprising:

a first notifying unit for notifying the
5 transmitting machine of whether this communication apparatus has a function for receiving JPEG code information in Lab color space;

a second notifying unit for notifying a
transmitting machine of whether this communication
10 apparatus has a function for receiving full-color information in Lab color space;

a third notifying unit for notifying the
transmitting machine of whether this communication
apparatus has a function for receiving JPEG code
15 information in sYCC color space;

a discriminating unit for discriminating type of
printing paper that has been loaded in a printing
unit; and

a controll unit which, if the JPEG code
20 information is transmitted from the transmitting machine, is for controlling printing of the received JPEG code information by the printing unit in dependence upon whether said discriminating unit has discriminated that a specific type of printing paper
25 has been loaded.

2. The apparatus according to claim 1, wherein if JPEG code information in sYCC color space is

transmitted from the transmitting machine and said discriminating unit discriminates that a specific type of paper has been loaded, said control unit causes the JPEG code information to be printed by the printing
5 unit.

3. The apparatus according to claim 1, wherein if JPEG code information in Lab color space is transmitted from the transmitting machine and said discriminating unit discriminates that a specific type
10 of paper has been loaded, said control unit causes the JPEG code information to be printed by the printing unit.

4. The apparatus according to claim 1, wherein if JPEG code in Lab color space or JPEG code in sYCC
15 color space is transmitted from the transmitting machine, said control unit exercises control so as to store the JPEG code information in a memory in a case where said discriminating unit discriminates that the specific type of printing paper has not been loaded.

20 5. The apparatus according to claim 1, wherein if JPEG code in Lab color space or JPEG code in sYCC color space is transmitted from the transmitting machine, said control unit exercises control so as to store the JPEG code information on a removable memory
25 card in a case where said discriminating unit discriminates that the specific type of printing paper has not been loaded.

6. The apparatus according to claim 1, wherein the specific type of printing paper is photographic paper.

7. A method of controlling an image communication apparatus capable of communicating color image

5 information, comprising:

a step of notifying the transmitting machine of whether this communication apparatus has a function for receiving JPEG code information in Lab color space;

10 a step of notifying a transmitting machine of whether this communication apparatus has a function for receiving full-color information in Lab color space;

a step of notifying the transmitting machine of
15 whether this communication apparatus has a function for receiving JPEG code information in sYCC color space;

a discriminating step of discriminating type of printing paper that has been loaded in a printing
20 unit; and

a control step which, if the JPEG code information is transmitted from the transmitting machine, is a step of controlling printing of the received JPEG code information by the printing unit in
25 dependence upon whether it has been discriminated at said discriminating step that a specific type of printing paper has been loaded.

8. The method according to claim 7, wherein if JPEG code information in sYCC color space is transmitted from the transmitting machine and it is discriminated that the specific type of paper has been loaded, the
5 JPEG code information is caused to be printed by the printing unit at said control step.

9. The method according to claim 7, wherein if JPEG code information in Lab color space is transmitted from the transmitting machine and it is discriminated
10 that the specific type of paper has been loaded, the JPEG code information is caused to be printed by the printing unit at said control step.

10. The method according to claim 7, wherein if JPEG code in Lab color space or JPEG code in sYCC color
15 space is transmitted from the transmitting machine, control is exercised as said control step so as to store the JPEG code information in a memory in a case where it is discriminated that the specific type of printing paper has not been loaded.

20 11. The method according to claim 7, wherein if JPEG code in Lab color space or JPEG code in sYCC color space is transmitted from the transmitting machine, control is exercised as said control step so as to store the JPEG code information on a removable memory
25 card in a case where it is discriminated that the specific type of printing paper has not been loaded.

12. The method according to claim 7, wherein the

specific type of printing paper is photographic paper.

13. An image communication method for communicating color image information between a transmit-side apparatus and a receive-side apparatus, said method comprising the following steps executed at said receive-side apparatus:

a color-space information receiving step of receiving color-space information of an image file transmitted from said transmit-side apparatus;

- 10 a printing method decision step of deciding a method of printing the received image file based upon the color-space information; and

a printing step of printing the received image file by the printing method decided.

- 15 14. The method according to claim 13, further comprising a registration step of registering a printing method of an image file that is in a prescribed color space;

- 20 wherein if the color-space information is indicative of the prescribed color space, the printing method of the received image file is decided at said printing method decision step to be the printing method that has been registered at said registration step.

- 25 15. The method according to claim 14, wherein the prescribed color space is sYCC color space.

16. The method according to claim 14, wherein if the

color-space information is not indicative of the prescribed color space, the printing method of the received image file is decided at said printing method decision step to be a printing method specified by the received file.

17. The method according to claim 14, wherein printing size is registered at said registration step.

18. The method according to claim 15, wherein the color-space information includes:

10 information indicating whether JPEG-encoded data in Lab color space will be transmitted;

 information indicating whether full-color information in Lab color space will be transmitted;
and

15 information indicating whether JPEG-encoded data in sYCC color space will be transmitted.

19. The method according to claim 18, wherein the color-space information is reported by a FIF of a DCS from the transmit-side apparatus in a preliminary procedure.

20. The method according to claim 19, wherein said receive-side apparatus reports the following information to said transmit-side apparatus by the FIF of the DCS in the preliminary procedure:

25 information indicating whether said receive-side apparatus has a function for receiving JPEG-encoded data in Lab color space;

information indicating whether said receive-side apparatus has a function for receiving full-color information in Lab color space; and

information indicating whether said receive-side
5 apparatus has a function for receiving JPEG-encoded data in sYCC color space

21. The method according to claim 14, wherein if the received image file is registered by the printing method that has been registered at said registration
10 step, information indicative of this fact is attached and printed.

22. An image communication apparatus for receiving color image information from a connected apparatus of a communicating party, comprising:

15 a color-space information receiving unit for receiving color-space information of an image file transmitted from the apparatus of a communicating party;

a printing method decision unit for deciding a
20 method of printing the received image file based upon the color-space information; and

a printing unit for printing the received image file by the printing method decided.